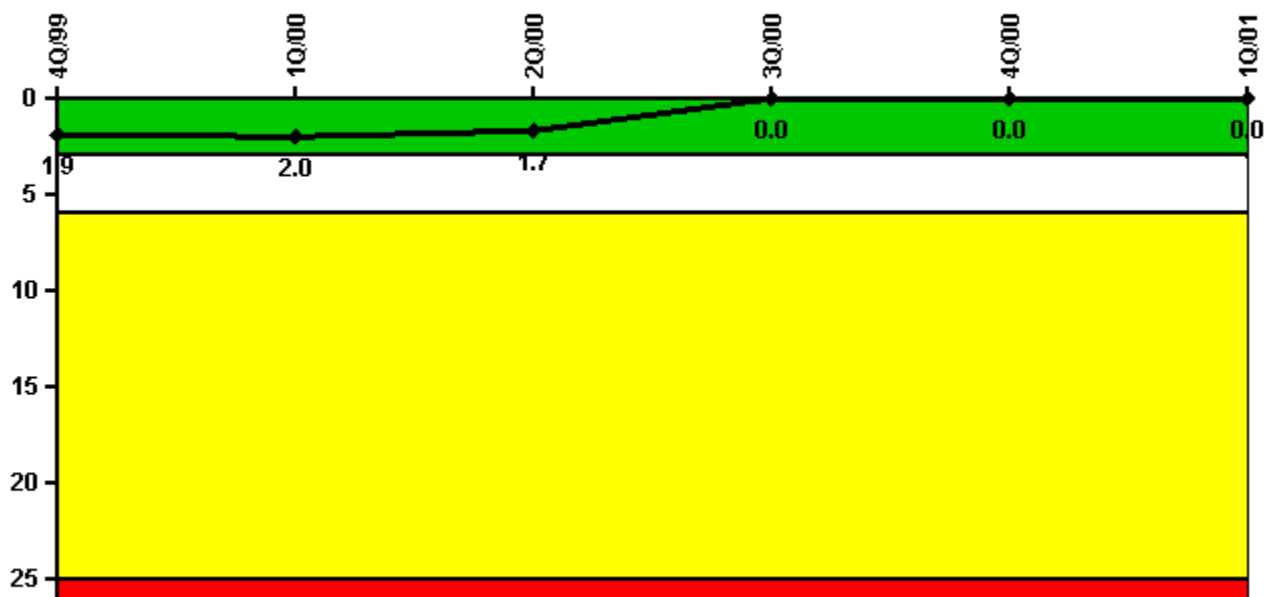


Oconee 1

1Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|----------------------------------------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 1802.5 | 2184.0 | 2208.0 | 1275.4 | 1871.0 |
| | | | | | | |
| Indicator value | 1.9 | 2.0 | 1.7 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



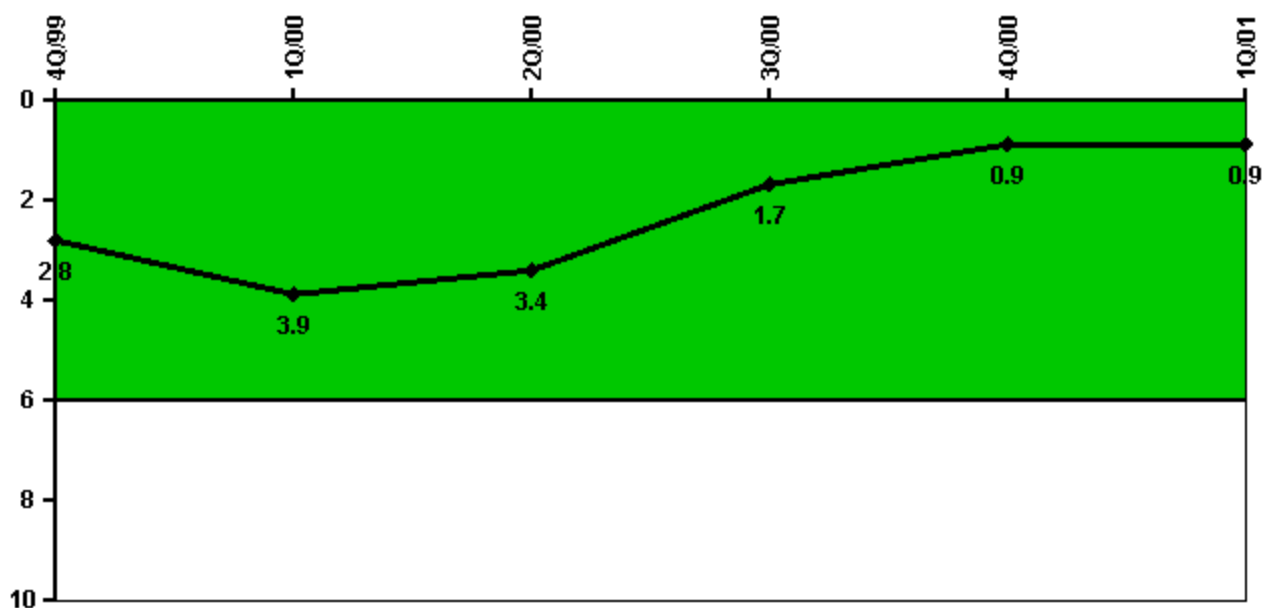
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2209.0 | 1802.5 | 2184.0 | 2208.0 | 1275.4 | 1871.0 |
| | | | | | | |
| Indicator value | 2.8 | 3.9 | 3.4 | 1.7 | 0.9 | 0.9 |

Licensee Comments:

1Q/01: Unit 1 Cycle 20 (Startup 1/13/01) One unplanned power change incurred 1st quarter 2001. On 3/17/01 Unit 1 power was decreased to approximately 69% due to Reactor Coolant Pump electrical ground problems. Power was resumed the same day.

Safety System Unavailability, HEG

**Thresholds
under
development /
review**

Notes

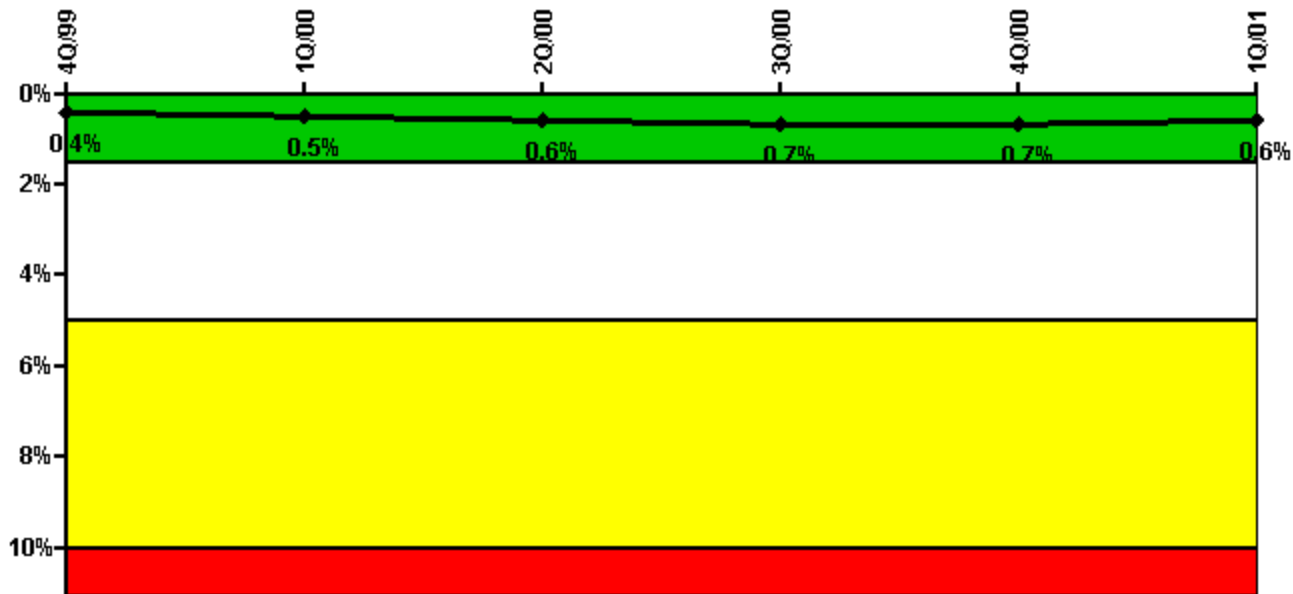
| Safety System Unavailability, HEG | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 36.85 | 70.21 | 102.25 | 33.23 | 111.97 | 50.77 |
| Unplanned unavailable hours | 0 | 45.46 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 1877.00 | 2184.00 | 2208.00 | 2208.00 | 2160.00 |
| Train 2 | | | | | | |
| Planned unavailable hours | 33.91 | 56.88 | 15.42 | 64.77 | 0.95 | 18.07 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 1877.00 | 2184.00 | 2208.00 | 2208.00 | 2160.00 |
| | | | | | | |
| Indicator value | 1.7% | 1.8% | 1.9% | 1.9% | 2.0% | 2.1% |

Licensee Comments:

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

Safety System Unavailability, High Pressure Injection System (HPSI)



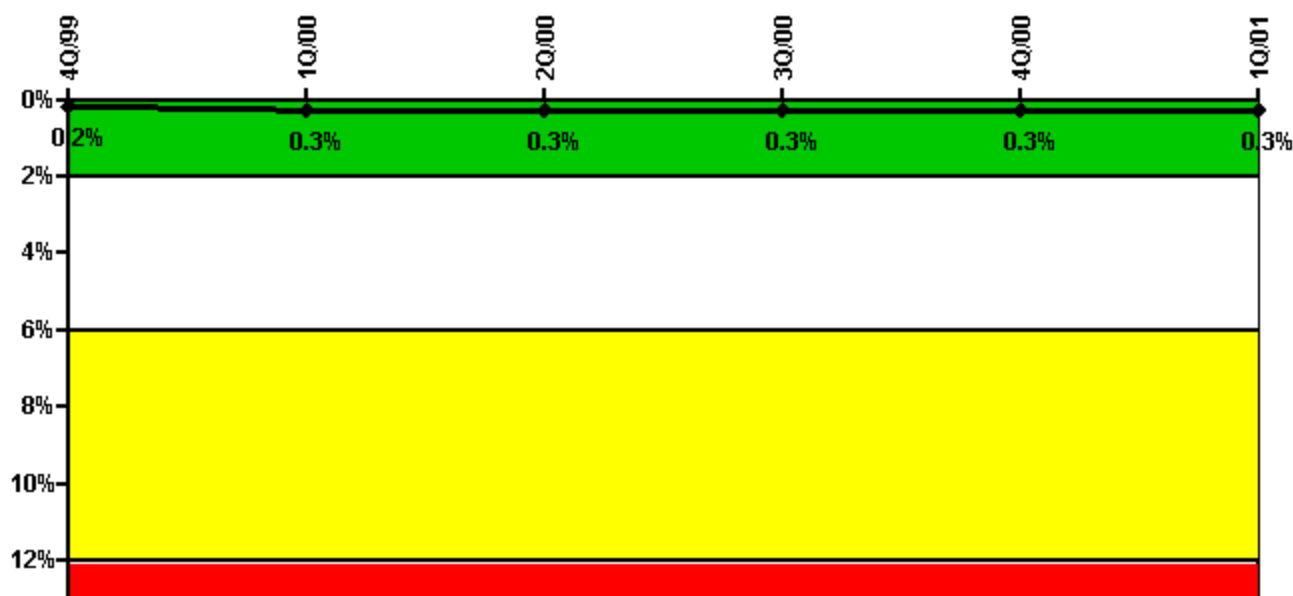
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 0.42 | 14.56 | 15.31 | 41.13 | 3.39 | 3.51 |
| Unplanned unavailable hours | 1.00 | 0 | 0 | 2.49 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 1850.00 | 2184.00 | 2208.00 | 1286.00 | 1932.00 |
| Train 2 | | | | | | |
| Planned unavailable hours | 1.02 | 20.87 | 19.66 | 41.45 | 8.35 | 3.79 |
| Unplanned unavailable hours | 1.00 | 4.33 | 0 | 2.49 | 0 | 1.67 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 1850.00 | 2184.00 | 2208.00 | 1286.00 | 1932.00 |
| | | | | | | |
| Indicator value | 0.4% | 0.5% | 0.6% | 0.7% | 0.7% | 0.6% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



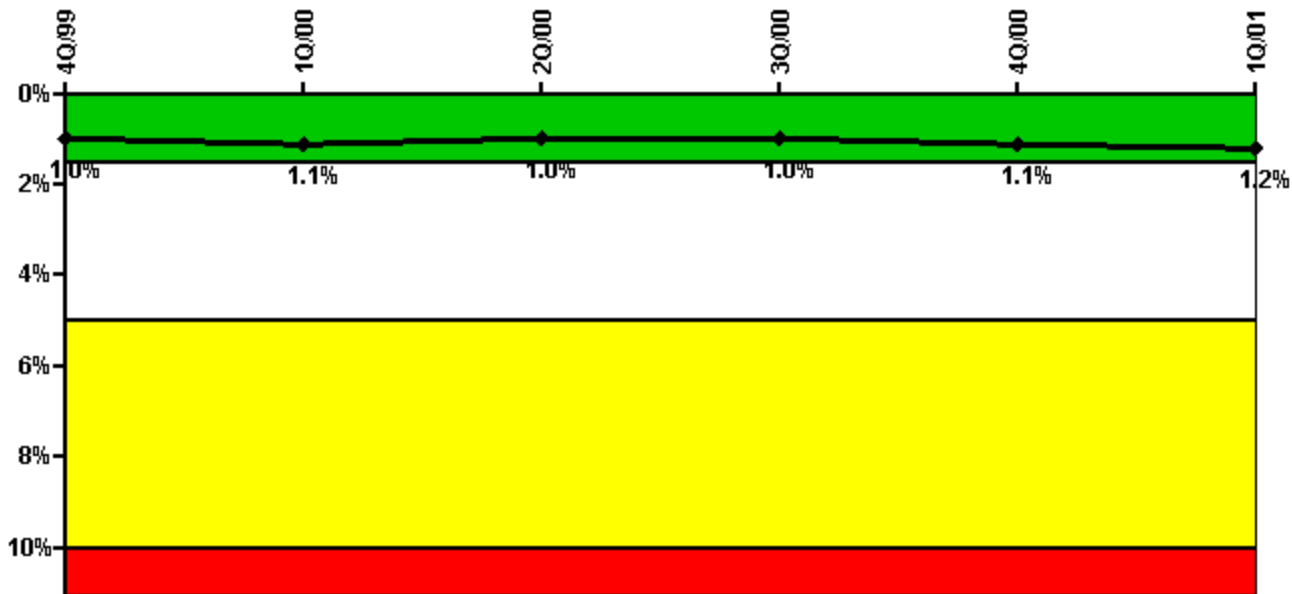
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

| Safety System Unavailability, Heat Removal System (AFW) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 1.13 | 5.80 | 4.90 | 3.30 | 0 | 7.90 |
| Unplanned unavailable hours | 0 | 0 | 0 | 2.40 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 744.00 | 1864.00 | 2184.00 | 2208.00 | 1296.00 | 1944.00 |
| Train 2 | | | | | | |
| Planned unavailable hours | 1.13 | 10.18 | 6.30 | 7.80 | 0 | 9.40 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 744.00 | 1864.00 | 2184.00 | 2208.00 | 1296.00 | 1944.00 |
| Train 3 | | | | | | |
| Planned unavailable hours | 0 | 19.80 | 8.50 | 21.90 | 0 | 3.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 4.70 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 744.00 | 1864.00 | 2184.00 | 2208.00 | 1296.00 | 1944.00 |
| | | | | | | |
| Indicator value | 0.2% | 0.3% | 0.3% | 0.3% | 0.3% | 0.3% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 26.97 | 16.19 | 24.52 | 5.20 | 16.20 | 11.50 |
| Unplanned unavailable hours | 0 | 0.18 | 0 | 0 | 15.00 | 0 |
| Fault exposure hours | 0 | 34.88 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | |
| Planned unavailable hours | 11.16 | 17.25 | 19.32 | 4.60 | 18.50 | 12.20 |
| Unplanned unavailable hours | 0 | 4.01 | 0 | 0 | 15.00 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| | | | | | | |
| Indicator value | 1.0% | 1.1% | 1.0% | 1.0% | 1.1% | 1.2% |

Licensee Comments:

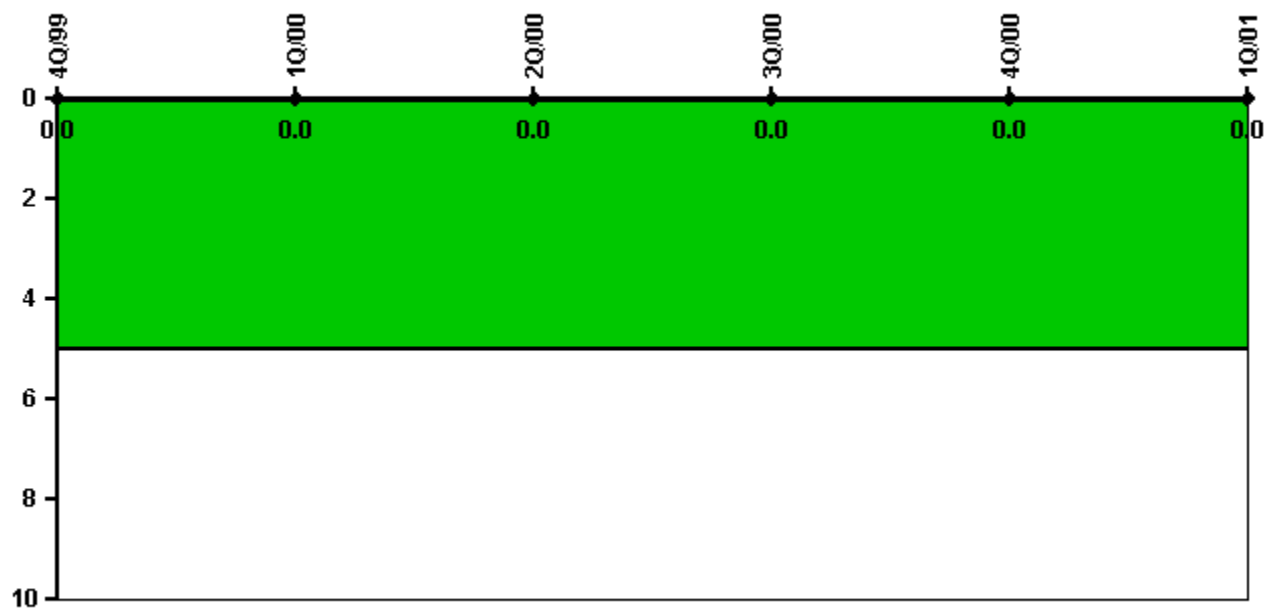
4Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

Safety System Functional Failures (PWR)



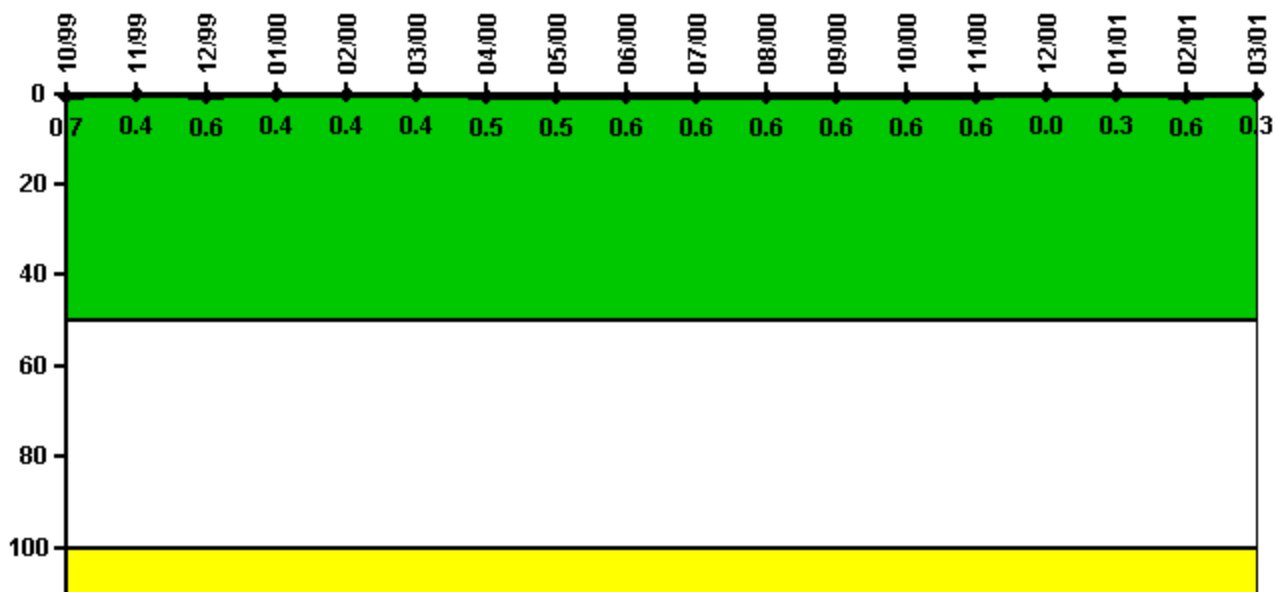
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

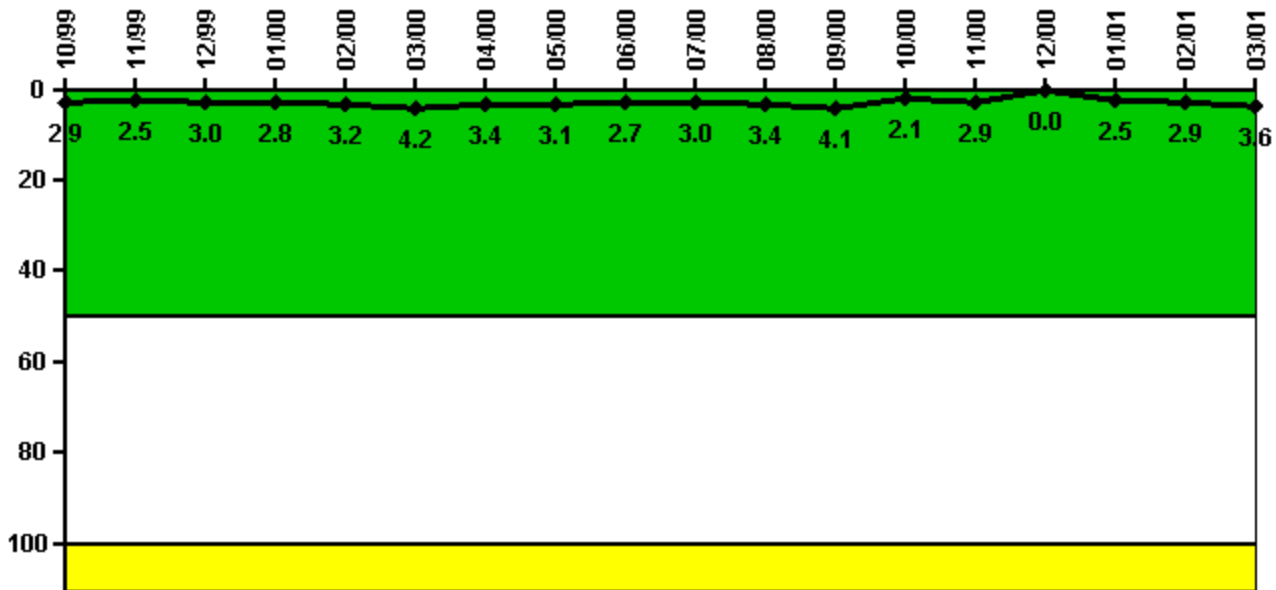
Notes

| Reactor Coolant System Activity | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.006900 | 0.004000 | 0.006000 | 0.004161 | 0.004458 | 0.004438 | 0.004574 | 0.005265 | 0.005631 | 0.005709 | 0.005660 | 0.006433 |
| Technical specification limit | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Indicator value | 0.7 | 0.4 | 0.6 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 |

| Reactor Coolant System Activity | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 |
|---------------------------------|----------|----------|-------|----------|----------|----------|
| Maximum activity | 0.006372 | 0.006462 | 0 | 0.002600 | 0.006100 | 0.002600 |
| Technical specification limit | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Indicator value | 0.6 | 0.6 | 0 | 0.3 | 0.6 | 0.3 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

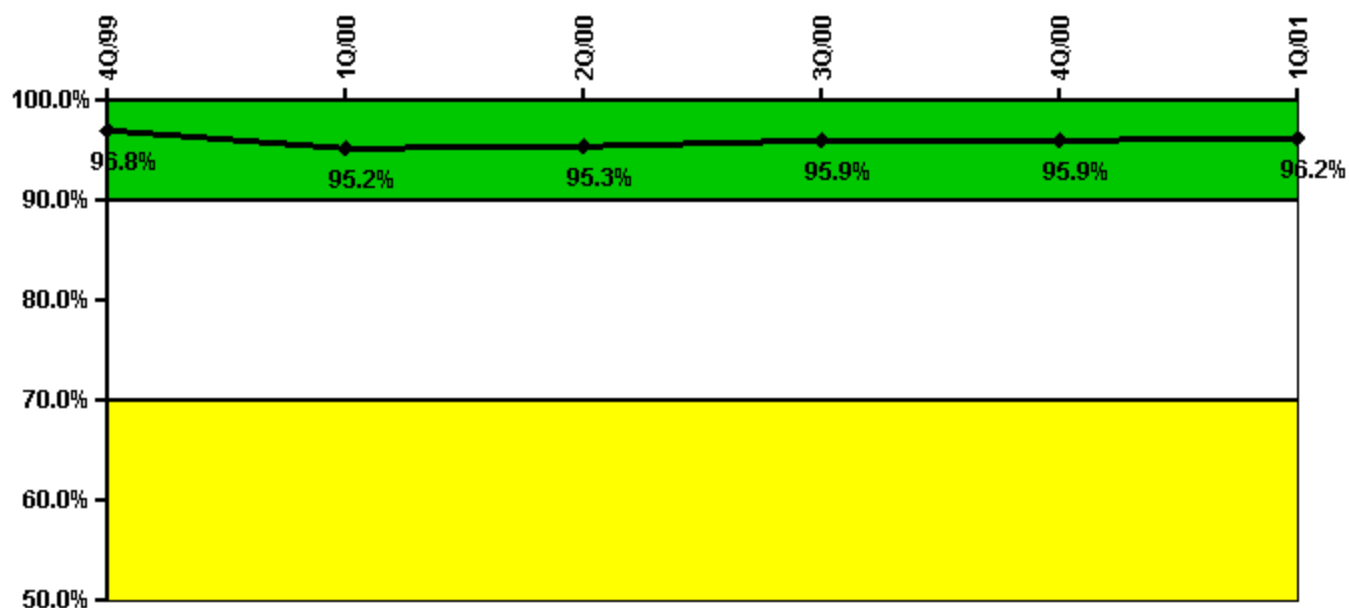
Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.290 | 0.250 | 0.300 | 0.280 | 0.320 | 0.420 | 0.340 | 0.310 | 0.270 | 0.300 | 0.340 | 0.410 |
| Technical specification limit | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | | | | | | | | | | |
| Indicator value | 2.9 | 2.5 | 3.0 | 2.8 | 3.2 | 4.2 | 3.4 | 3.1 | 2.7 | 3.0 | 3.4 | 4.1 |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.210 | 0.290 | 0 | 0.250 | 0.290 | 0.360 |
| Technical specification limit | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | | | | |
| Indicator value | 2.1 | 2.9 | 0 | 2.5 | 2.9 | 3.6 |

Licensee Comments: none

Drill/Exercise Performance



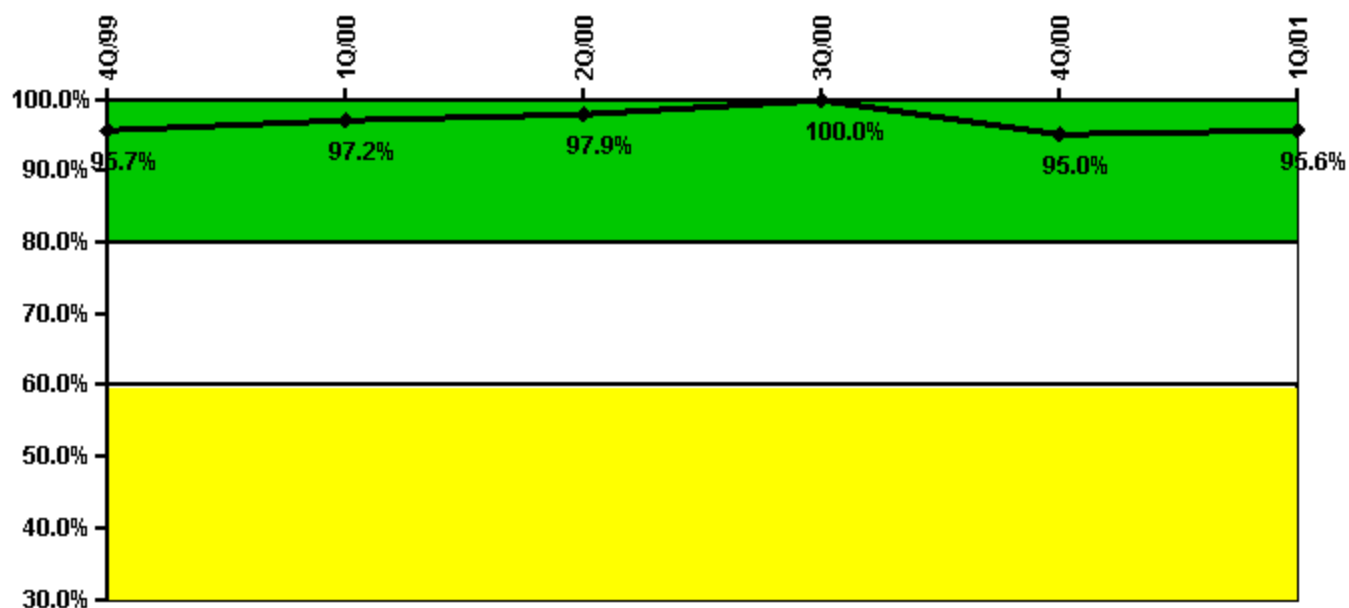
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 42.0 | 19.0 | 71.0 | 17.0 | 38.0 | 22.0 |
| Total opportunities | 44.0 | 22.0 | 74.0 | 17.0 | 39.0 | 22.0 |
| | | | | | | |
| Indicator value | 96.8% | 95.2% | 95.3% | 95.9% | 95.9% | 96.2% |

Licensee Comments: none

ERO Drill Participation



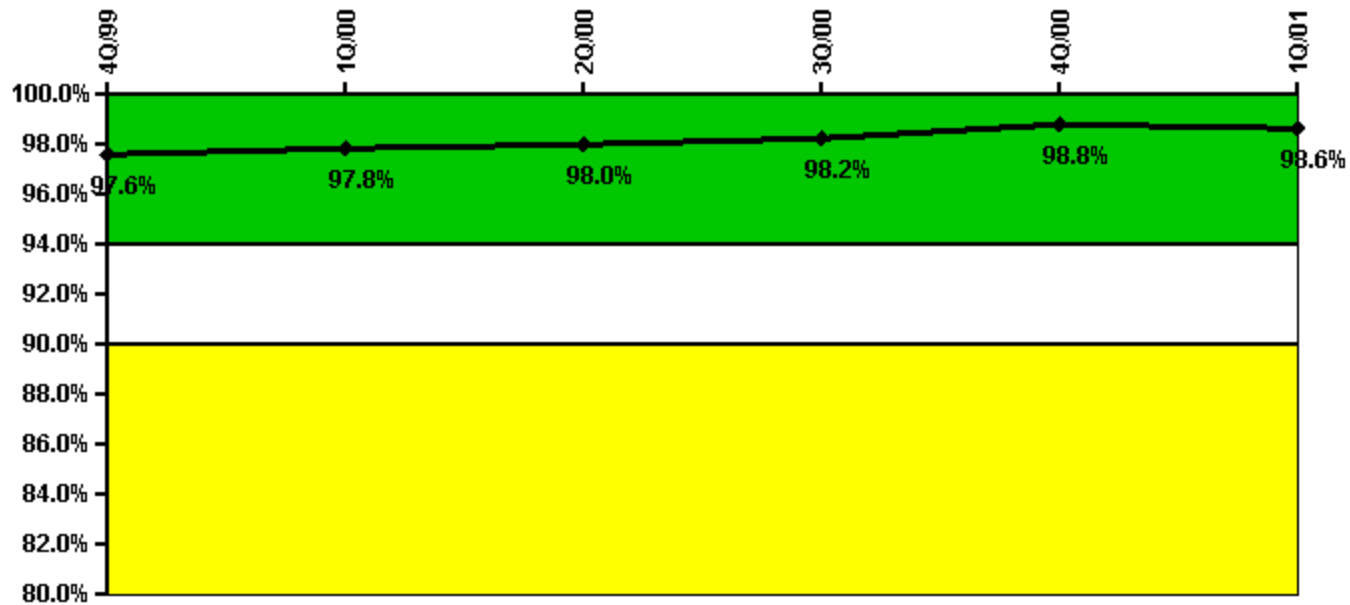
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|--------|-------|-------|
| Participating Key personnel | 135.0 | 138.0 | 137.0 | 138.0 | 132.0 | 131.0 |
| Total Key personnel | 141.0 | 142.0 | 140.0 | 138.0 | 139.0 | 137.0 |
| | | | | | | |
| Indicator value | 95.7% | 97.2% | 97.9% | 100.0% | 95.0% | 95.6% |

Licensee Comments: none

Alert & Notification System



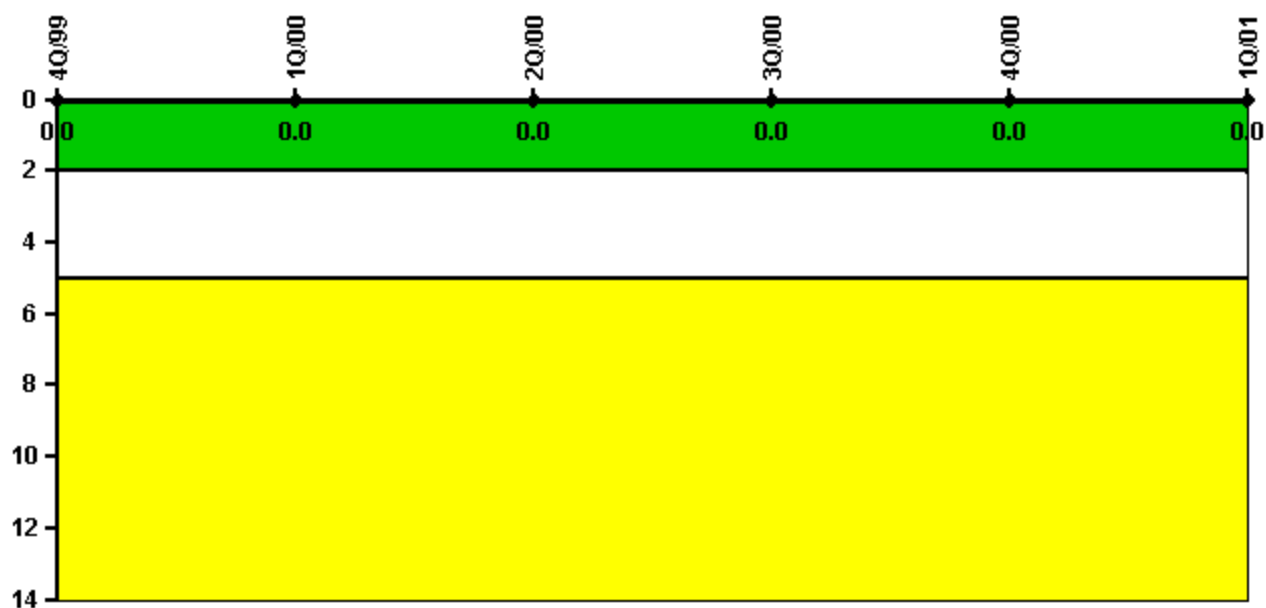
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 951 | 1256 | 1205 | 1194 | 1320 | 1304 |
| Total sirens-tests | 987 | 1267 | 1225 | 1211 | 1330 | 1330 |
| | | | | | | |
| Indicator value | 97.6% | 97.8% | 98.0% | 98.2% | 98.8% | 98.6% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent

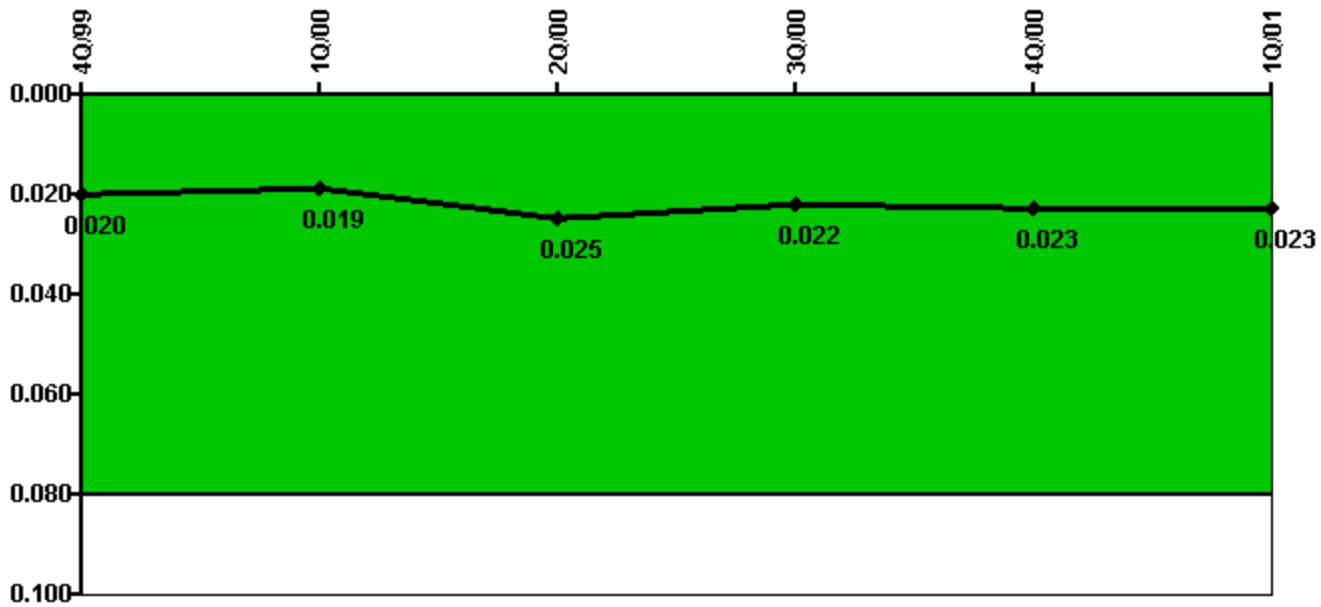
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-------------------------------------------|--------|-------|--------|--------|--------|-------|
| IDS compensatory hours | 183.00 | 33.00 | 664.00 | 162.00 | 225.00 | 64.00 |
| CCTV compensatory hours | 1.0 | 0 | 1.0 | 8.0 | 0 | 1.0 |
| IDS normalization factor | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 |
| CCTV normalization factor | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | | | | | | |
| Index Value | 0.020 | 0.019 | 0.025 | 0.022 | 0.023 | 0.023 |

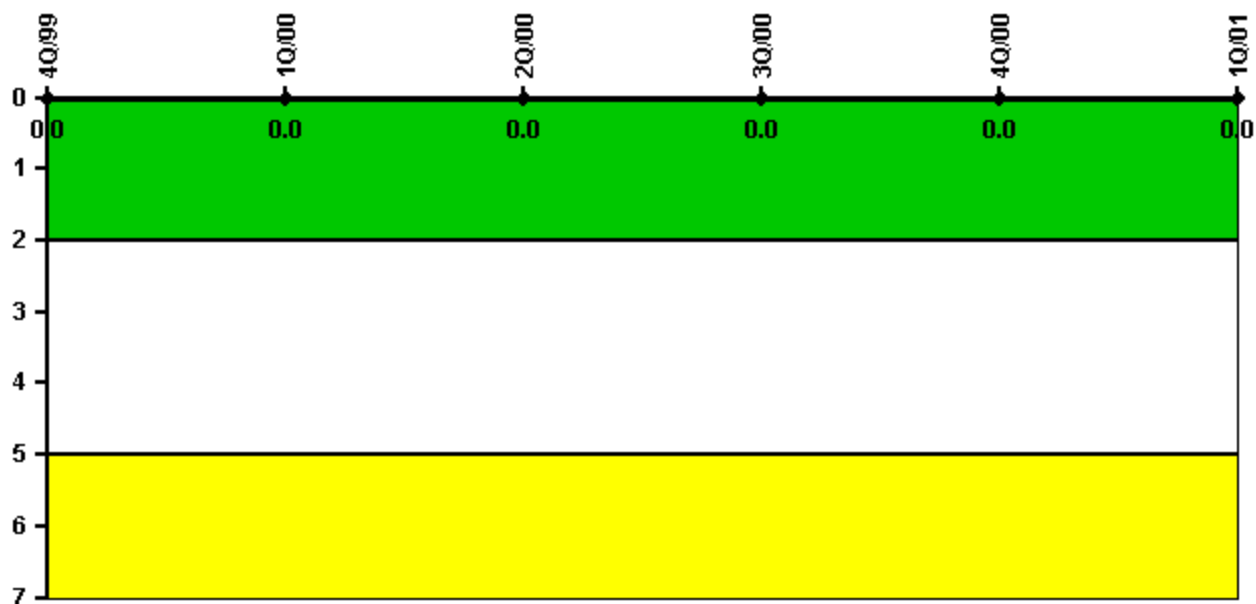
Licensee Comments:

1Q/01: The IDS compensatory hours were revised. There was no change in color.

3Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

2Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

Personnel Screening Program



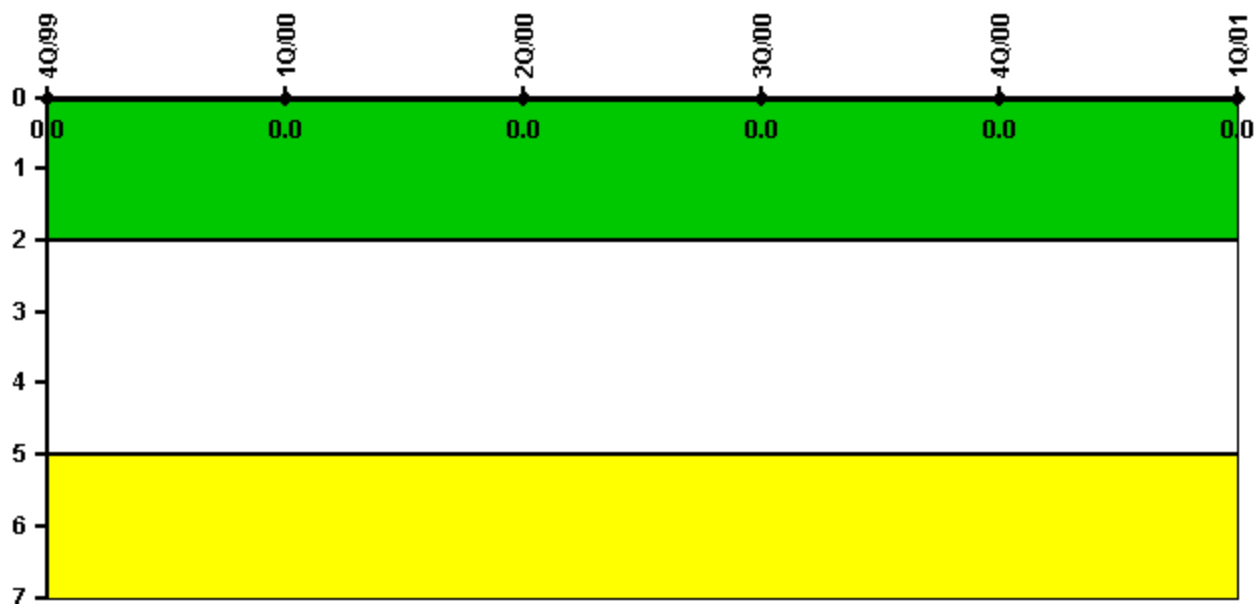
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002